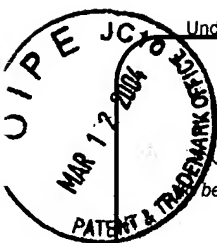


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

8

Application Number

10/055,593

Filing Date

Jan. 22, 2002

First Named Inventor

Duncan

Art Unit

2184

Examiner Name

Not Assigned

Attorney Docket Number

P6800 NP

ENCLOSURES (Check all that apply)☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Response to Missing Parts/
Incomplete Application☐Response to Missing Parts
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a
Provisional Application☒Power of Attorney, Revocation
Change of Correspondence Address☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) _____

☐After Allowance communication
to Technology Center (TC)☐Appeal Communication to Board
of Appeals and Interferences☐Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☒

Status Letter

☒Other Enclosure(s) (please
Identify below):copy of Recordation and assignment
Statement Under 37 CFR 3.73(b)

Remarks

RECEIVED

MAR 16 2004

Technology Center 2100

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
or
Individual name

Paul D. Sorkin, Reg. #39,039

Signature

Paul D. Sorkin

Date

March 5, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

Peggy Smiley

Signature

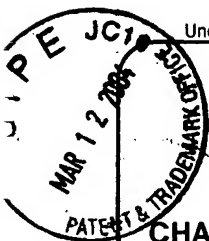
Peggy Smiley

Date

Mar. 10, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/055,593
Filing Date	Jan. 22, 2002
First Named Inventor	Duncan
Art Unit	2184
Examiner Name	Not Assigned
Attorney Docket Number	P6800 NP

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

24,726

☒ Please change the correspondence address for the above-identified application to:

☐ The address associated with
Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Paul D. Sorkin				
Address	Sun Microsystems, Inc.				
Address	1 Network Drive, MS UBUR02-310				
City	Burlington	State	MA	Zip	01803
Country	US				
Telephone	781-442-8626	Fax	781-442-1599		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

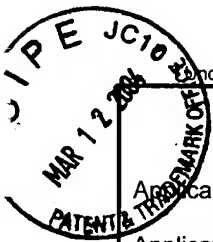
Name	Paul D. Sorkin, Reg. #39,039		
Signature	<i>Paul D. Sorkin</i>		
Date	March 5, 2004	Telephone	781-442-8626

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Duncan et al.

Application No./Patent No.: 10/055,593 Filed/Issue Date: Jan 22, 2002

Entitled: "ERROR DETECTION IN STORAGE DATA"

Sun Microsystems, Inc., a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012533, Frame 0262, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

March 5, 2004
Date
781-442-8626
Telephone number

Paul D. Sorkin, Reg. #39,039
Typed or printed name
Paul D. Sorkin
Signature
Assistant General Counsel
Title

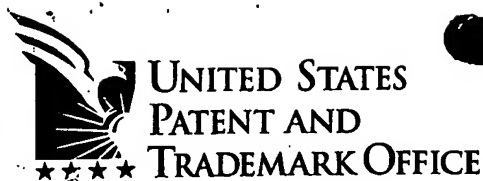
This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED

MAR 16 2004

Technology Center 2100



46-06
APR 0 8 2002

APRIL 01, 2002

PTAS

KONRAD RAYNES VICTOR & MANN LLP
DAVID W. VICTOR, ESQ.
315 S. BEVERLY DRIVE, SUITE 210
BEVERLY HILLS, CA 90212

ENTERED

Chief Information Officer
Washington, DC 20231
www.uspto.gov



101972456A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/22/2002

REEL/FRAME: 012533/0262
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
DUNCAN, WILLIAM L.

DOC DATE: 01/17/2002

ASSIGNOR:
IHDE, WAYNE

DOC DATE: 01/17/2002

ASSIGNOR:
TIBBETS, MICHAEL

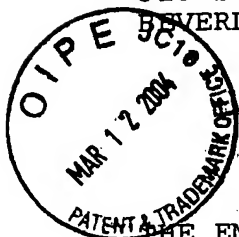
DOC DATE: 01/17/2002

ASSIGNEE:
SUN MICROSYSTEMS, INC.
901 SAN ANTONIO ROAD
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 10055593
PATENT NUMBER:

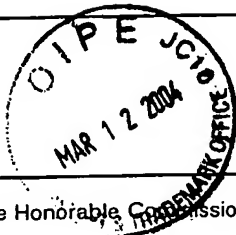
FILING DATE: 01/22/2002
ISSUE DATE:

RECEIVED
MAR 16 2004
Technology Center 2100



012533/0262 PAGE 2

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



02-05-2002



101972456

ER

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1) William L. Duncan, 2) Wayne Ihde, and 3) Michael Tibbetts

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

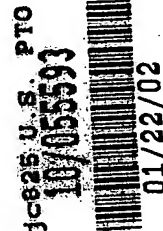
- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date 1) January 17, 2002; 2) January 17, 2002;
3) January 17, 2002

2. Name and address of receiving party(ies):

Sun Microsystems, Inc.
901 San Antonio Road, Palo Alto, California, 94303

Additional name(s) & address(es) attached? ☐ Yes ☒ No



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 22, 2002

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

DAVID W. VICTOR, ESQ.
KONRAD RAYNES VICTOR & MANN LLP
315 S. Beverly Drive, Suite 210
Beverly Hills, CA 90212

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0585

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

RECEIVED

MAR 16 2004

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Technology Center 2100

Rabindranath Dutta
Name of Person Signing

Rabindranath Dutta
Signature

January 22, 2002
Date

Total number of pages including cover sheet, attachments and document: [2]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

02/04/2002 LMUELLER 00000280 10055593

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

01 FC:581

40.00 OP

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

Whereas, we

INVENTOR
AND CITY

(1) William L. Duncan

of Berthoud
and State of Colorado

(2) Wayne Ihde

of Boulder
and State of Colorado

(3) Michael Tibbetts

of Longmont
and State of Colorado

have invented certain improvement in

TITLE

ERROR DETECTION IN STORAGE DATA

RECEIVED

MAR 16 2004

Technology Center 2100

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefore on
(1) 1/17, 2002, (2) 1/17, 2002, and (3) 1/17, 2002

Whereas, SUN MICROSYSTEMS, INC., a corporation of Delaware, having a place of business at 901 San Antonio Road, Palo Alto, California, 94303, (hereinafter called SUN), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to SUN, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to SUN, its successors and assigns; and I hereby agree that SUN may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by SUN.

Signed and sealed

CITY
DATE

(1) at Broomfield, CO
on 1/17, 2002,

William L. Duncan SIGNATURE
INVENTOR

CITY
DATE

(2) at Broomfield, CO
on 1/17, 2002,

Wayne W. Ihde SIGNATURE
INVENTOR

CITY
DATE

(3) at Broomfield, CO
on 1/17, 2002,

Michael Tibbetts SIGNATURE
INVENTOR